

70ZYN Rare Earth Magnet PMDC Motor

Magnet (磁铁) : Neodymium Iron 钕铁硼

Insulation Class 绝缘等级 : B , F

Protection 防护等级 : No

Shaft OD 出轴直径 : 10.0 mm

Bearing 轴承 : Ball

Winding 绕线选择 :

1. Voltage 工作电压范围 : 6 ~ 36VDC
2. Speed 额定转速范围 : 1,000 ~ 6,000 RPM
3. Power 输出功率范围 : < 120 W

● Motor Specifications (马达特性)

$Y[\text{oz-in}] = 0.141612 * X[\text{mNm}]$

MODEL 型号	Voltage		No Load			Rated				Stall			Motor length mm
	Nominal	Speed	Current	Speed	Current	Torque		Output	Eff.	Torque		Current	
	Vdc	r / min	A	r / min	A	g*cm	mN*m	W	%	g*cm	mN*m	A	
70ZYN114-24-47	24	4700	0.6	4000	7	40.50	286	120	71.3				114
70ZYN114-110-33	110	3300	0.07	2800	1.1	43.47	307	90	74.4				114

● Motor Dimensions (外形尺寸图)

